

## In The United States Patent And Trademark Office

Applicant: Sakari Soini

Date: May 23, 2003

Date Filed: June 24, 2002

Docket No.: FORSAL-39

App. No.: 10/089,800

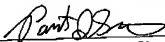
Art Unit: 1731

For: Procedure and Means for  
Generating Turbulence in Stock  
Suspension Flow

Examiner: Karen M. Hastings

FAX RECEIVED  
MAY 27 2003  
GROUP 1700

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on 5/23/03  
Date

Signature

Patrick J. G. Stiennon, Reg. No. 34934

Name of applicant, assignee or Registered Representative

**Amendment**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 26, 2003, please amend the application as follows:

In the Claims :

Please cancel claims 11, 14-15, 19-20, 22-24, and 28.

**LATHROP  
&  
CLARK**

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GROUP 1700

**FORMAL AMENDMENT**

Fax to:

**Examiner Karen M. Hastings**  
**U.S. Patent and Trademark Office**  
**Group Art Unit**  
**703-872-9310**

At Fax Number:

Technology Center Fax

From:

Patrick J. G. Stiennon

Date:

May 23, 2003

Time:

4:36

Our Reference:

FORSAL-39

This transmission has 17 pages (including this sheet)

There follows in Application No. 10/089,800.

- PTO/SB/21 Transmittal letter (1 p)
- PTO/SB/17 (1 p)
- PTO/SB/06 (1 p)
- Amendment (13 pp)

PTO/SB/21 (12-97)

Approved for use through 9/30/00. OMB 0651-0001

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM		Application Number	
(To be used for all correspondence after initial filing)		10/089,800	
Total Number of Pages in This Submission		Filing Date	
		June 24, 2002	
		First Named Inventor	
		Sakari Soini	
		Group Art Unit	
		Examiner Name	
		Karen M. Hastings	
		Attorney Docket Number	
		FORSLAL39	
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (For an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) And Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	
		<input type="checkbox"/> After Allowance Communication To Group <input type="checkbox"/> Appeal Communication to Board Of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (Please identify below): <div style="border: 1px solid black; width: 150px; height: 50px; margin-top: 5px;">PTO/SB/06</div>	
		Remarks: The Commissioner is hereby authorized to charge any additional fees that may be required with respect to this communication, or credit any overpayment, to Deposit Account No. 15-0660.	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or individual name		Patrick J. G. Stenmon, Reg. No. 34934	
Signature		<i>Patrick J. G. Stenmon</i>	
Date		5/23/03	
CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service at first class mail in an envelope addressed to Assistant Commissioner for Patent, Washington, D.C. 20231 on this date:			
Typed or printed name		Patrick J. G. Stenmon, Reg. No. 34934	
Signature		<i>Patrick J. G. Stenmon</i>	
		Date	
		5/23/03	

PTO/SB/17 (12-97)

Approved for use through 03/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## FEE TRANSMITTAL

Note: Effective October 1, 1997,  
Patent fees are subject to annual revision

## Complete if Known

Application Number	10/089,800
Filing Date	June 24, 2002
First Named Inventor	Sakari Soini
Group Art Unit	
Examiner Name	Karen M. Hastings
Attorney Docket Number	FORSLAL-3

TOTAL AMOUNT OF PAYMENT \$336.00

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit  
Account  
Number

15-0660

Deposit  
Account Name

Lathrop &amp; Clark

☒ Charge Any  
Additional Fee  
Required Under  
37 CFR 1.16 and  
1.17☐ Charge the Issue Fee Set in 37  
CFR 1.19 at the Mailing of the  
Notice of Allowance2. ☐ Payment Enclosed:☐ Check☐ Money  
Order☐ Other

## FEE CALCULATION

## 1. FILING FEE

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					\$0.00

## 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
0	-20=	0 X 18	= \$0.00
0	-3=	0 X 84	= \$0.00
0		0 X 280	= \$0.00

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent Claims in excess of 3	
104	280	204	140	Multiple dependent claims	
109	84	209	42	Reissue Independent claims over original patent	
110	18	210	9	Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					\$0.00

## 3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	820*	112	820*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1060	228	530	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	260	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unexcusable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	480	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.126(b))	

Other fee (specify) Additional Claims from SBD \$336.00

Other fee (specify) \$0

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$336.00

## SUBMITTED BY

Typed or Printed Name Patrick J.G. Stiennon

## Complete (if applicable)

Reg. Number 34934

Signature

Patrick J.G. Stiennon

Date

May 23, 2003

Deposit Account User ID

15-0660

PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number FORSL 39 App. No.: 10/089,800	
CLAIMS AS FILED - PART I					SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)				
FOR	NUMBER FILED	NUMBER EXTRA			RATE	FEE
BASIC FEE						
Total Claims	20 minus 20 =	0			x \$9	=
Independent Claims	4 minus 3 =	1			x \$42	=
MULTIPLE DEPENDENT CLAIM PRESENT					+ \$130	=
*If the difference in column 1 is less than zero, enter "0" in column 2.					TOTAL	
					OR	
CLAIMS AS AMENDED - PART II					SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		
AMENDMENT A	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
	Total	16 Minus	20	0	x \$9.00	= \$0.00
	Independent	8 Minus	4	4	x \$42.00	= \$168.00
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+	=
					Total Addit. Fee	
					OR	
AMENDMENT B	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
	Total	0 Minus	**	0	x \$	=
	Independent	0 Minus	***	0	x	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+	=
					Total Addit. Fee	
					OR	
AMENDMENT C	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
	Total	0 Minus	**	0	x \$	=
	Independent	0 Minus	***	0	x	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+	=
					Total Addit. Fee	
					OR	

\*If the entry in column 1 is less than the entry in column 2, write "0" in column 3  
 \*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  
 \*\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PTO/5B/06 (11-90)

Patent and Trademark Office; U.S., DEPARTMENT OF COMMERCE